**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-6. (Cancelled)

7. (Currently Amended) A method for producing a biochip comprising a large number of spots based on samples containing captures, said spots being arranged on the upper surface of a substantially planar base plate by supplying, onto said base plate, a plurality of types of said samples containing said captures to be used to specifically react with a specimen in order to obtain information on a structure or a function of said specimen, said method comprising the step of:

supplying a solution sample containing said capture and a solution sample containing no capture separately from each other to produce said biochip.

8. (Original) The method for producing said biochip according to claim 7, wherein said solution sample containing said capture is supplied in accordance with an ink-jet system.

9. (Original) The method for producing said biochip according to claim 7, wherein said solution sample containing no capture is supplied in accordance with an ink-jet system.

10. (Original) The method for producing said biochip according to claim 7, wherein said solution sample containing no capture is supplied in accordance with a screen printing system.

11. (Original) The method for producing said biochip according to claim 7, wherein said solution sample containing no capture is an immobilization solution for immobilizing said captures onto said base plate, or an immobilization-reinforcing solution for reinforcing immobilization of said captures onto said base plate.

12. (Original) The method for producing said biochip according to claim 11, wherein said immobilization solution or said immobilization-reinforcing solution is a solution with which immobilization or immobilization reinforcement is advanced by mixing said immobilization solution or said immobilization-reinforcing solution with said solution sample containing said capture.

13. (Original) The method for producing said biochip according to claim 11, wherein said solution sample containing said capture is supplied onto said base plate, and then said immobilization solution or said immobilization-reinforcing solution is supplied to parts to which said sample has been supplied.

14. (Original) The method for producing said biochip according to claim 11, wherein said immobilization solution or said immobilization-reinforcing solution is supplied onto said base plate, and then said solution sample containing said capture is supplied to parts to which said immobilization solution or said immobilization-reinforcing solution has been supplied.

15. (Original) The method for producing said biochip according to claim 11, wherein said immobilization solution or said immobilization-reinforcing solution and said solution sample containing said capture are supplied substantially simultaneously onto said base plate.

16. (Original) The method for producing said biochip according to claim 7,

wherein said captures are nucleic acids.

17. (Original) The method for producing said biochip according to claim 16, wherein said nucleic acid is DNA and/or fragment thereof or amplified product thereof; cDNA and/or fragment thereof or amplified product thereof; RNA or antisense RNA and/or fragment thereof or amplified product thereof; chemically synthesized DNA or amplified product thereof; or chemically synthesized RNA or amplified product thereof.

18. (Original) The method for producing said biochip according to claim 7, wherein said captures are proteins.

19. (Original) The method for producing said biochip according to claim 18, wherein said protein is antigen, antibody, lectin, adhesin, receptor for physiologically active substance, or peptide.

20. (Original) The method for producing said biochip according to claim 14, wherein said immobilization solution is a solution of chemical substance having positive charge, and said capture is immobilized by means of ionic bond.

21. (Currently Amended) The method for producing said biochip according to claim 20, wherein said chemical substance is poly-L-lysine, polyalkylamine or a silane coupling agent ~~such as γ-aminopropyltriethoxysilane~~.

22. (Original) The method for producing said biochip according to claim 14, wherein said immobilization solution includes a chemical substance for chemically modifying a base plate surface, and a functional group introduced into said base plate surface and a functional group introduced by modifying said capture are subjected to a

chemical reaction to immobilize said capture onto said base plate by means of covalent bond.

23. (Original) The method for producing said biochip according to claim 22, wherein said chemical reaction is a reaction of amino group and aldehyde group, a reaction of amino group and N-hydroxysuccinimido group, a reaction of amino group and carboxyl group, a reaction of amino group and epoxy group, or a reaction of thiol group and epoxy group.

24. (Original) The method for producing said biochip according to claim 14, wherein said immobilization solution includes avidin, streptavidin, protamine, or histone.

25. (Currently Amended) The method for producing said biochip according to claim 14, wherein said immobilization solution is a solution containing a hydrophobic group ~~such as phenyl group and alkyl group~~.

26. (Original) The method for producing said biochip according to claim 14, wherein said immobilization-reinforcing solution includes a water-retentive substance.

27. (Original) The method for producing said biochip according to claim 26, wherein said water-retentive substance is colominic acid, hyaluronic acid, or mixture of colominic acid and hyaluronic acid.

28. (Original) The method for producing said biochip according to claim 14, wherein said immobilization-reinforcing solution includes a high-molecular substance.

29. (Currently Amended) The method for producing said biochip according to claim 28, wherein said high-molecular substance is one of an acidic polymer ~~such as CM-cellulose, nitrocellulose, polyacrylic acid, and alginic acid;~~, a basic polymer ~~such as polyethyleneimine and polyacrylamide;~~, a neutral polymer ~~such as methyl cellulose, polyethylene glycol, and polypropylene glycol; or~~, and a protein ~~such as BSA, egg albumin, and lysozyme~~.

30. (Original) The method for producing said biochip according to claim 11, further comprising preparing a jig to which a plurality of said base plates are set, wherein said solution sample containing said capture and said solution sample containing no capture are supplied in a state in which said base plates are fixed on said jig.

31. (Currently Amended) The method for producing said biochip according to claim 11, wherein an area, in which said solution sample containing no capture is supplied onto said base plate, is substantially the same as an area to which said solution sample containing said capture is supplied, or an area which includes said area to which said solution sample containing said capture is supplied, said area having a substantially circular shape.

32. (Currently Amended) The method for producing said biochip according to claim 11, wherein an area, in which said solution sample containing no capture is supplied onto said base plate, has a size which includes two or more areas to each of which said solution sample containing said capture is supplied.

Claims 33-57. (Cancelled)

58. (New) The method for producing said biochip according to claim 20, wherein said chemical substance is γ-aminopropyltriethoxysilane.

59. (New) The method for producing said biochip according to claim 14, wherein said immobilization solution is a solution containing one of a phenyl group and an alkyl group.

60. (New) The method for producing said biochip according to claim 28, wherein said high-molecular substance is one of CM-cellulose, nitrocellulose, polyacrylic acid, and alginic acid.

61. (New) The method for producing said biochip according to claim 28, wherein said high-molecular substance is one of polyethyleneimine and polyacrylamide.

62. (New) The method for producing said biochip according to claim 28, wherein said high-molecular substance is one of methyl cellulose, polyethylene glycol, and polypropylene glycol.

63. (New) The method for producing said biochip according to claim 28, wherein said high-molecular substance is one of BSA, egg albumin, and lysozyme.